Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (cancelled)

1   Claim 2 (previously presented): An ATM network comprising a
2   physical network with different stations, wherein a stream
3   of ATM cells is transferred from at least one source
4   station to a group of different destination stations via a
5   virtual transmission path between the source station and
6   said different destination stations in the network, said
7   virtual transmission path being distinguished by ATM cells
8   to which a corresponding virtual path identifier (VPI1) has
9   been assigned, the virtual path with said virtual path
10   identifier (VPI1) comprising various virtual connections,
11   each of said virtual connections being distinguished by ATM
12   cells to which a corresponding virtual connection
13   identifier (VCI (1,..n)) has been assigned, said group of
14   different destination stations being subdivided into
15   various subgroups of the destination stations, each of the
16   destination stations in each of the subgroups detect VPIs
17   and VCIs associated with the ATM cells appearing at said
18   each station and accept only those ATM cells having a VPI

19   equal to the VPI of said virtual path of the group of the

20   destination stations and a VCI equal to the VCI of the

21   virtual connection of said each subgroup of the destination

22   stations.